Amendment to Claims

This listing of Claims will replace all prior versions and listings of claims in this Application.

Listing of Claims

Claim 1.   (CURRENTLY AMENDED)   In the setting of a computer/printer system .
which includes a screen-display device, a user method comprising

requesting from a computer-connected printer a pre-printing screen-display

preview of a document which has been sent by the computer to that printer for printing,

implementing said requesting via a path which enables user selection of selectable printing options

relating to print appearance and protocol,

enabling user selection of one or more of such options to be included in the print

preview request,

generating in the printer a collection of print-control data which exactly defines

how the document that has been sent to the printer will look when printed, and which will be

employed by the printer to print the document,

communicating the print-control data collection to the screen-display device, and

on the basis of said communicating, displaying on the screen in the screen-display device

an exact visual preview of the subject document affected by any selected user option(s).

Claims 2-9   (Canceled)

Claim 10.   (CURRENTLY AMENDED)   A user method for producing a true print-preview

display in the setting of computer structure which is operatively associated both with a screen-display

device, and with a printer that is operatively connected to the computer structure, said method

comprising

from a document-creating application in the computer structure creating a document,

and with reference to the created document, sending a set of related document-printing instructions

from the computer to the printer,

in association with said sending, enabling user requesting from the printer of a print-

preview display,

implementing said requesting via a path which enables user selection of selectable

printing options relating to print appearance and protocol,

enabling user selection of one or more of such options to be included in the print

preview request in association with such sent instructions, in the printer, on the basis of such sent

instructions, generating a collection of document print-control data which the printer will directly use

to print the created document, and in response to the print-preview display request, sending back to

the computer structure a print-preview data stream based exactly upon the generated print-control

data collection as affected by any such user-selected options, and

through cooperative interaction between the computer structure and the screen-display

device, creating on the screen-display device from that sent back data stream a true print-preview

display which exactly shows what the printer will print from the associated, underlying print-control

data collection, with such display being affected by any such user-selected options

Claim 11.   (Canceled)

Claim 12.   (ORIGINAL)   The method of claim 10, wherein the printer includes an integrated controller and a print engine, the controller functions to receive and interpret such sent document-printing instructions, and to generate, and ultimately to send to the print engine, the mentioned print-control data collection, and the sent back print-preview data stream is directly derived from the controller-generated data collection.

Claim 13.   (CURRENTLY AMENDED)   The method of claim 12, which further enables, in addition to user requesting of a print preview, user requesting of storage capture of controller-generated data in a data-storage device, as well as subsequent user requesting of storage retrieval of any such stored controller-generated data ~~wherein the printer further includes a data-storage device operatively connected both to the controller and to the print engine, and this data-storage device is operable to receive, capture, and retransmit on request, the controller-generated data collection.~~

Claim 14.   (ORIGINAL)   The method of claim 10, wherein the computer structure and the screen-display device together form portions of an integrated computer.

Claim 15.   (ORIGINAL)   The method of claim 10, wherein the screen-display device and the printer together form portions of an integrated printer device.

Claim 16.   (CURRENTLY AMENDED)The method of claim 10 ~~which further comprises, in~~

association with requesting a print-preview display, exercising one or more related <u>wherein the</u> <u>enabled</u> options selected <u>are selectable</u> from the list including: (a) asking for document rendition in a selected one of different color formats, or in a grey-scale format, or in a bi-tonal format; (b) instructing the printer to handle related document data in a selected state of data compression and/or bit depth; (c) instructing the printer to handle related document data at a selected level of resolution; and (d), asking that all or some selected portion of a requested print-preview display be presented in thumbnail fashion.

Claims 17-24 (Canceled)